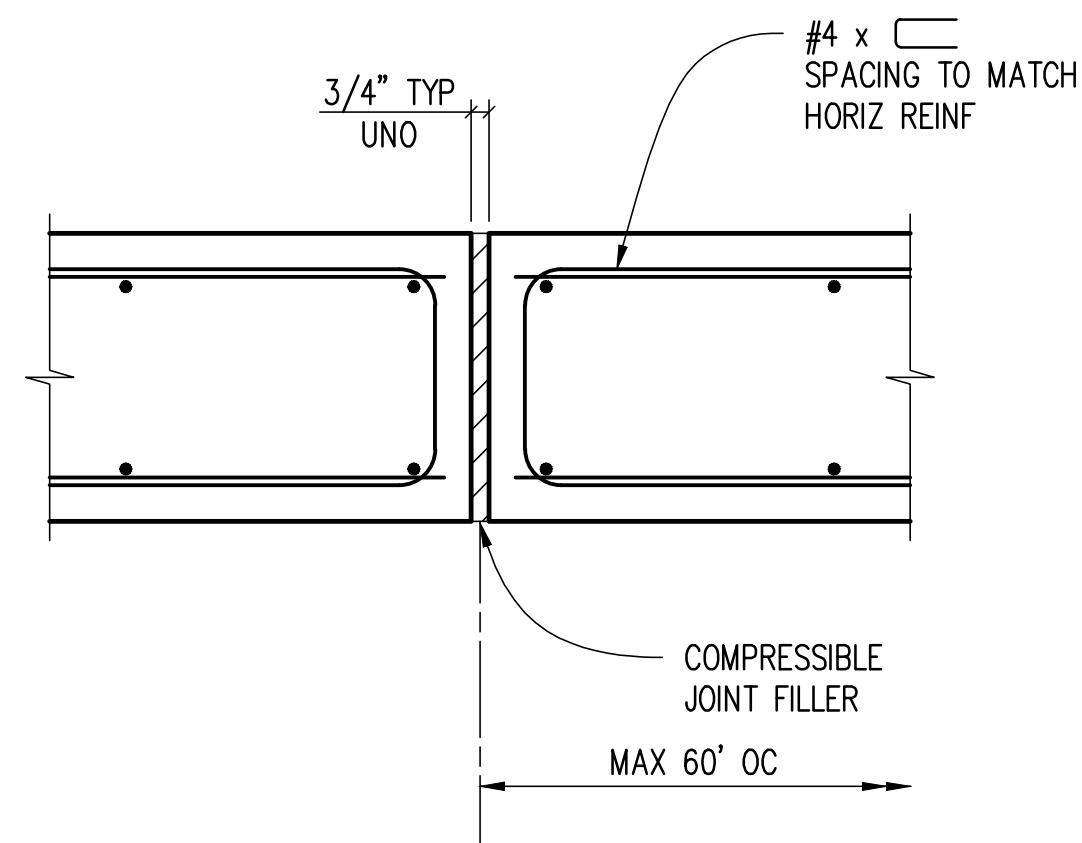


1 STEPPED BENCH DETAIL  
NO SCALE



2 EXPANSION JOINT DETAIL  
NO SCALE

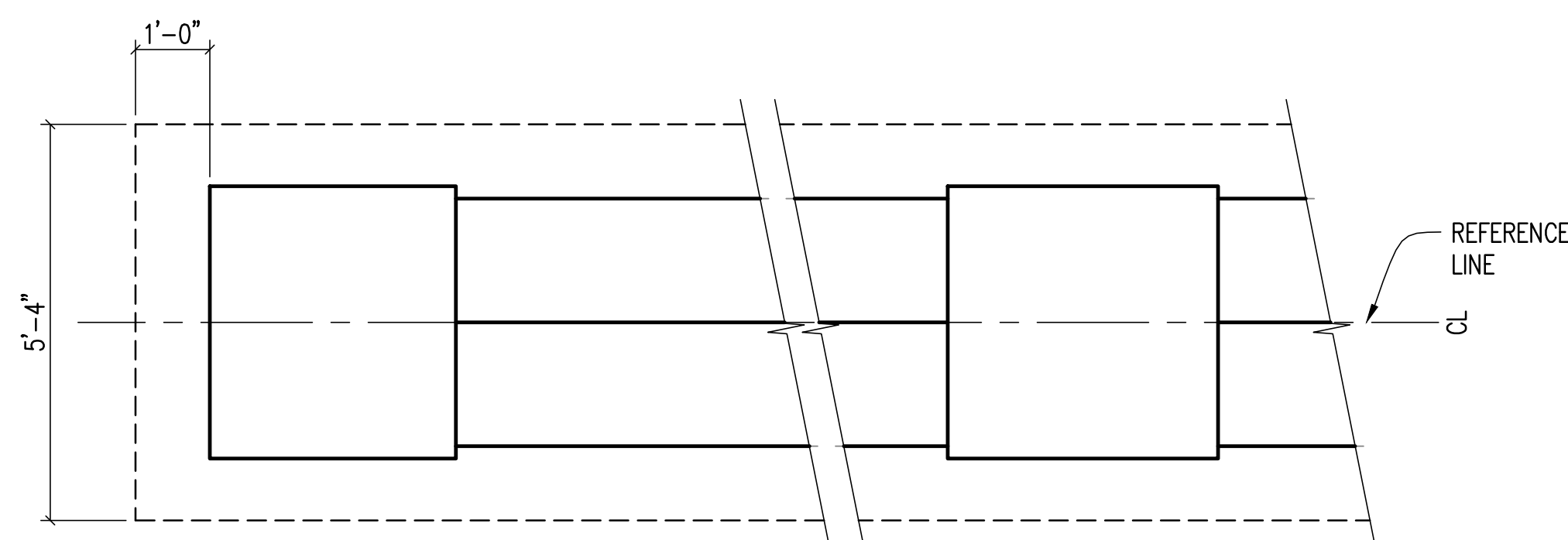
- NOTES:
1. USE THE LENGTHS IN THIS SCHEDULE, UNLESS NOTED OTHERWISE.
  2. USE LENGTH IN ( ) WHEN BAR COVER IS db OR LESS OR BAR CLEAR SPACING IS 2db OR LESS.
  3. A TOP BAR IS A HORIZONTAL BAR WITH MORE THAN 12" OF FRESH CONCRETE CAST BELOW IT.

f'c= 4,000 psi  
fy =60,000 psi

Size	Ld	Ldt	Lb	Lbt	Ldh
#4	19	25	25	32	9
#5	24	31	31	40	12
#6	28 (43)	37 (55)	37 (55)	48 (72)	14
#7	42 (62)	54 (81)	54 (81)	70 (105)	17
#8	47 (71)	62 (92)	62 (92)	80 (120)	19
#9	54 (80)	70 (104)	70 (104)	90 (136)	21
#10	60 (90)	78 (117)	78 (117)	102 (153)	24
#11	67 (100)	87 (130)	87 (130)	113 (170)	27

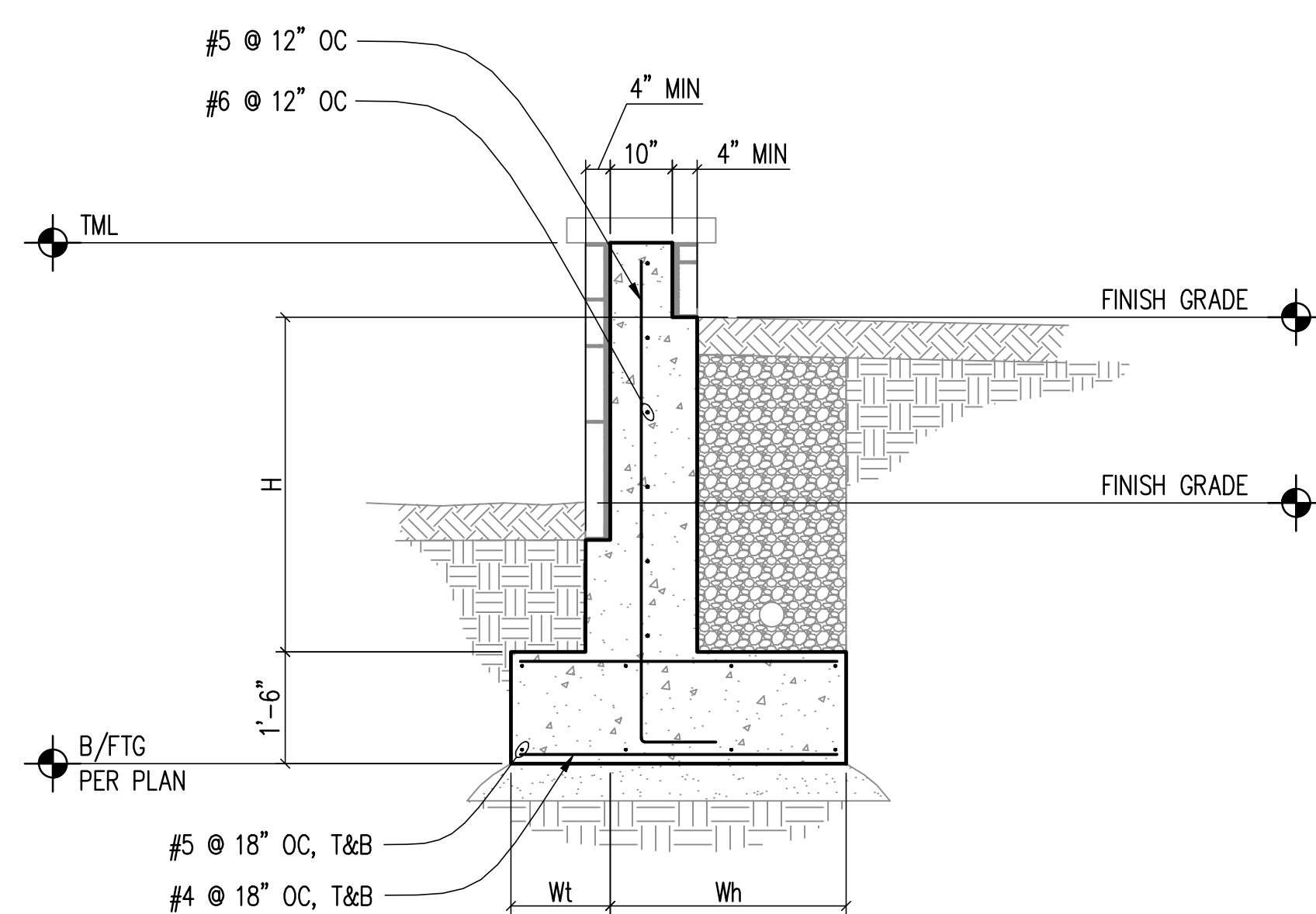
ABBREVIATIONS

db = BAR DIAMETER  
Ld = TENSION DEVELOPMENT LENGTH  
Ldt = TENSION DEVELOPMENT LENGTH FOR A TOP BAR  
Lb = CLASS B LAP SPLICE LENGTH, 1.3 Ld  
Lbt = CLASS B LAP SPLICE LENGTH FOR A TOP BAR, 1.3 Ldt  
Ldh = TENSION DEVELOPMENT LENGTH FOR A STANDARD HOOK



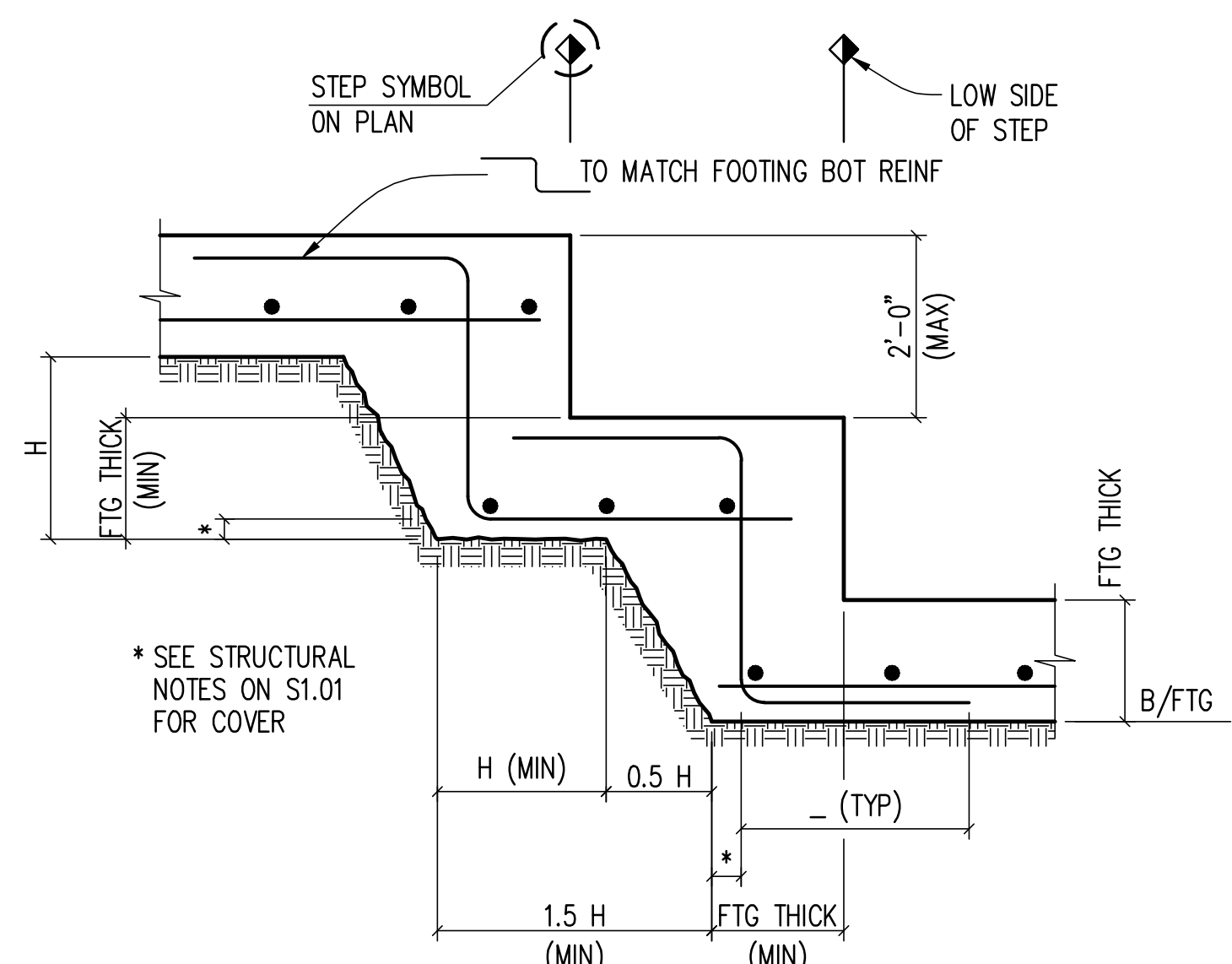
- NOTES:
1. SEE SHEET L8.01 FOR ADDITIONAL DETAILS.
  2. SEE SHEETS L5.07-L5.09, L6.08, L6.09 AND L7.08 FOR STEM WALL AND MASONRY LEDGE ELEVATIONS.

5 TYPICAL INTERIOR WALL FOOTING PLAN  
NO SCALE

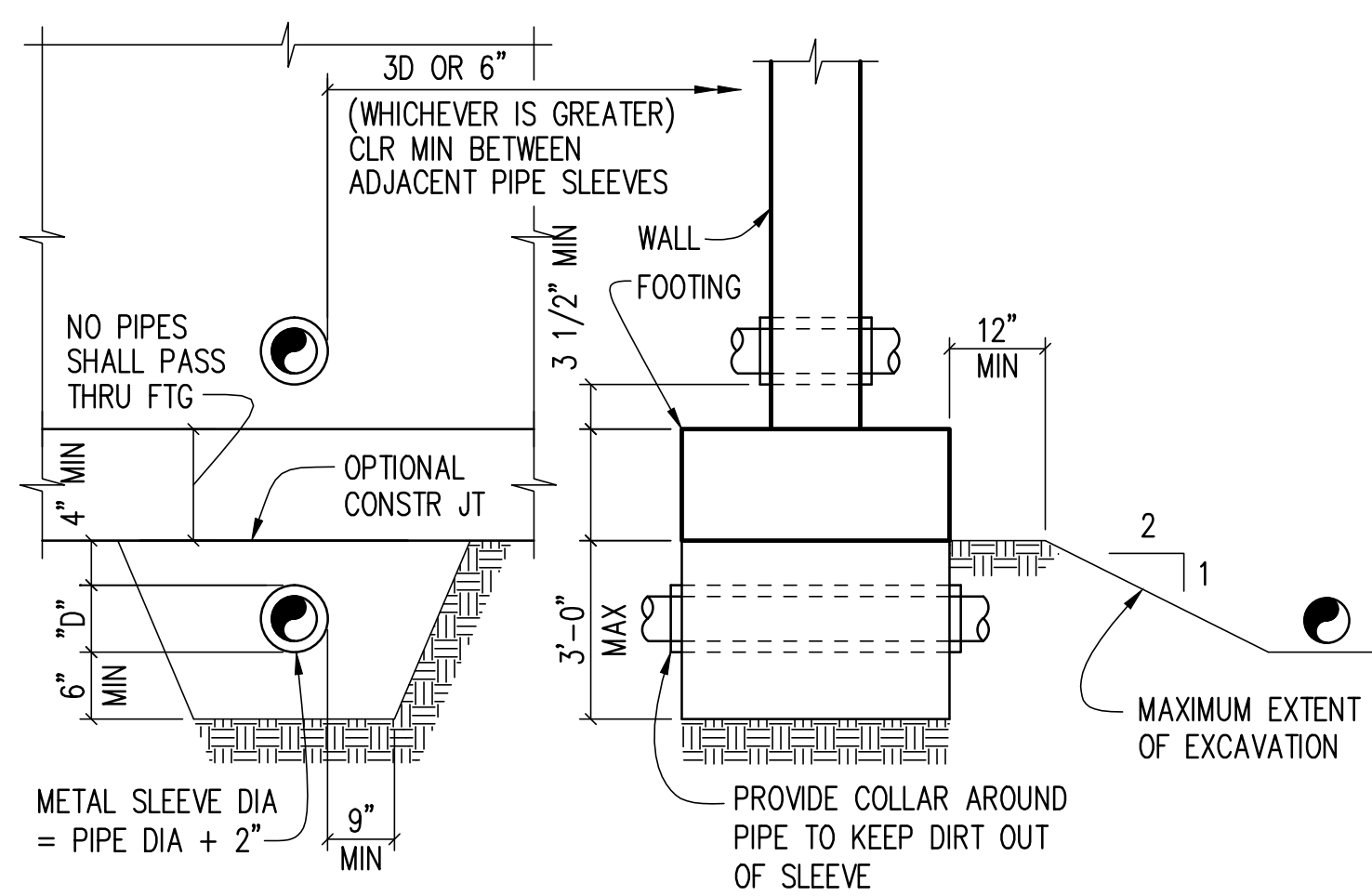


- NOTES:
1. TOP OF MASONRY LEDGE (TML) AND FINISH GRADES PER COLUMBARIUM FOUNDATION AND GRADING PLANS.
  2. BENCH DETAILS PER L5.14.

6 BENCH RETAINING WALL  
NO SCALE

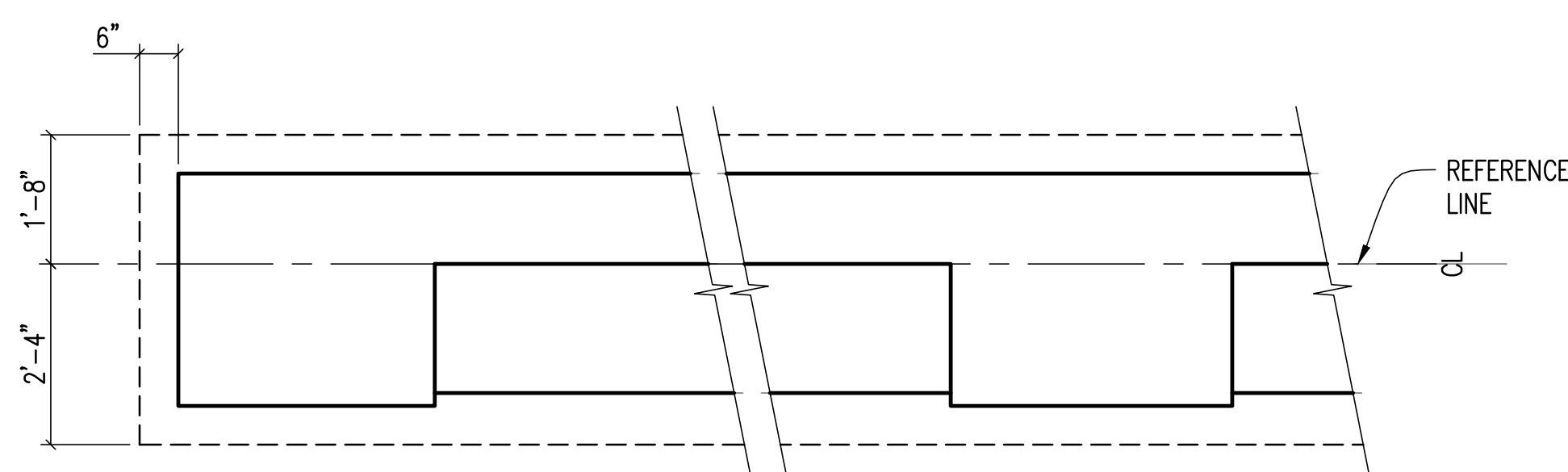


7 STEPPED FOOTING DETAIL  
NO SCALE



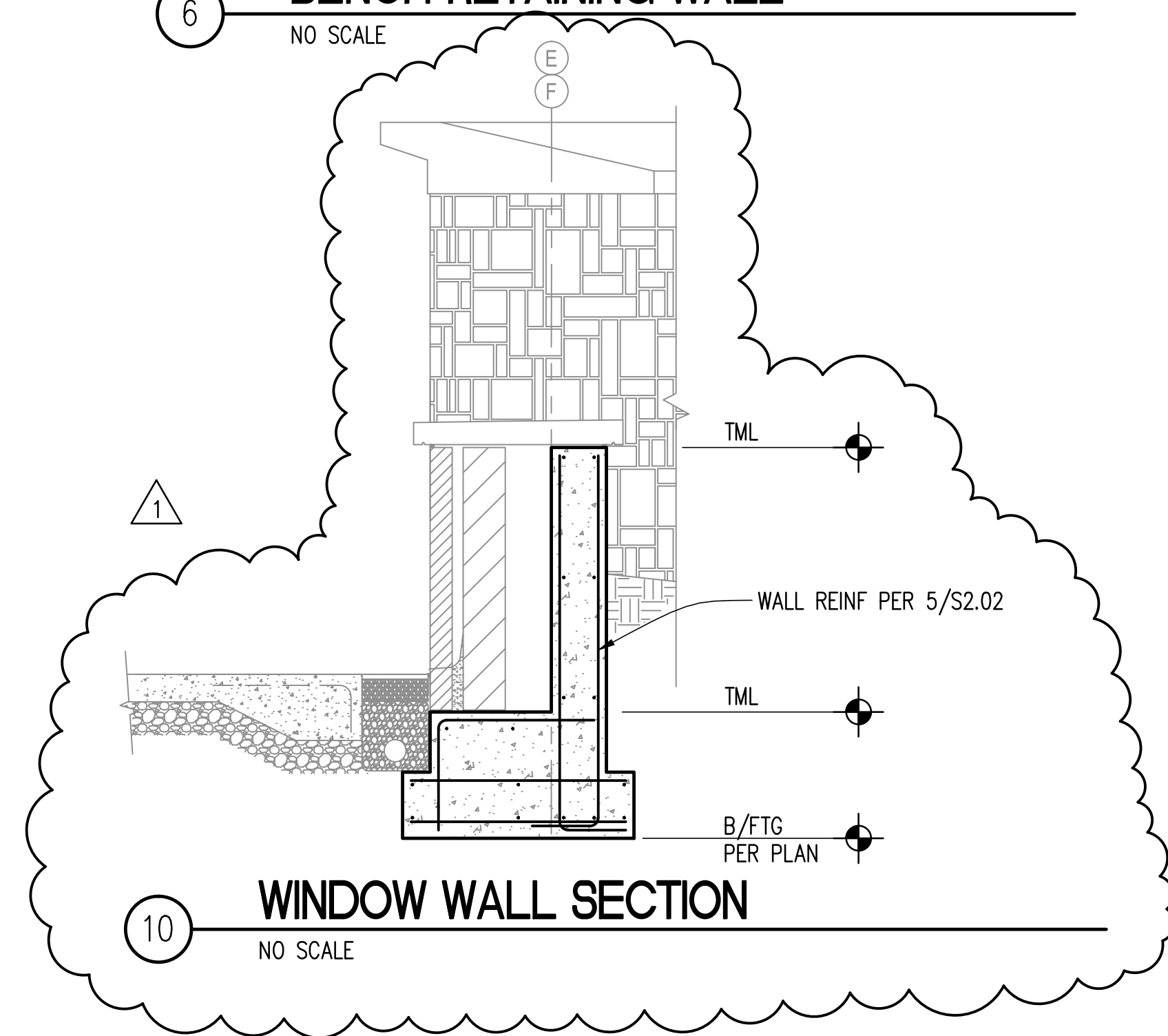
- NOTES:
1. STEP FOOTING PER TYPICAL STEPPED FOOTING DETAIL AS REQUIRED TO SATISFY THESE CONDITIONS.
  2. GENERAL CONTRACTOR TO COORDINATE EXACT DEPTH AND LOCATION OF PIPE.
  3. "D" SHALL NOT EXCEED 8".

8 TYPICAL DETAIL OF PIPE AT FOOTINGS  
NO SCALE

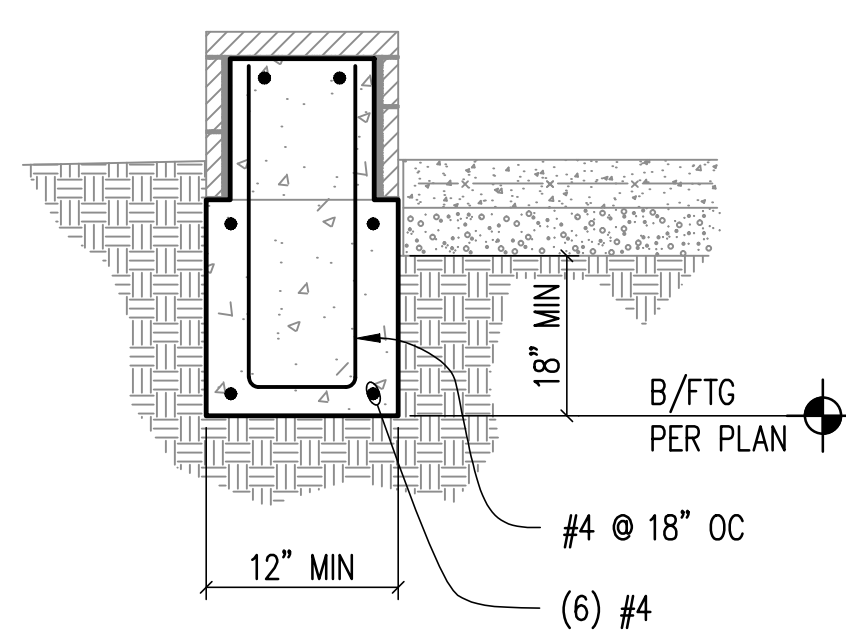


- NOTE:
1. SEE SHEET L8.02 FOR ADDITIONAL DETAILS.
  2. SEE SHEETS L5.07-L5.09, L6.08, L6.09 AND L7.08 FOR STEM WALL AND MASONRY LEDGE ELEVATIONS.
  3. FOOTING WIDTHS FOR COLUMBARIUM IN RETAINING WALL SITUATIONS WILL VARY FROM THOSE SHOWN. SEE SHEET S2.02 FOR COLUMBARIUM RETAINING WALL SECTIONS.

9 TYPICAL EXTERIOR WALL FOOTING PLAN  
NO SCALE

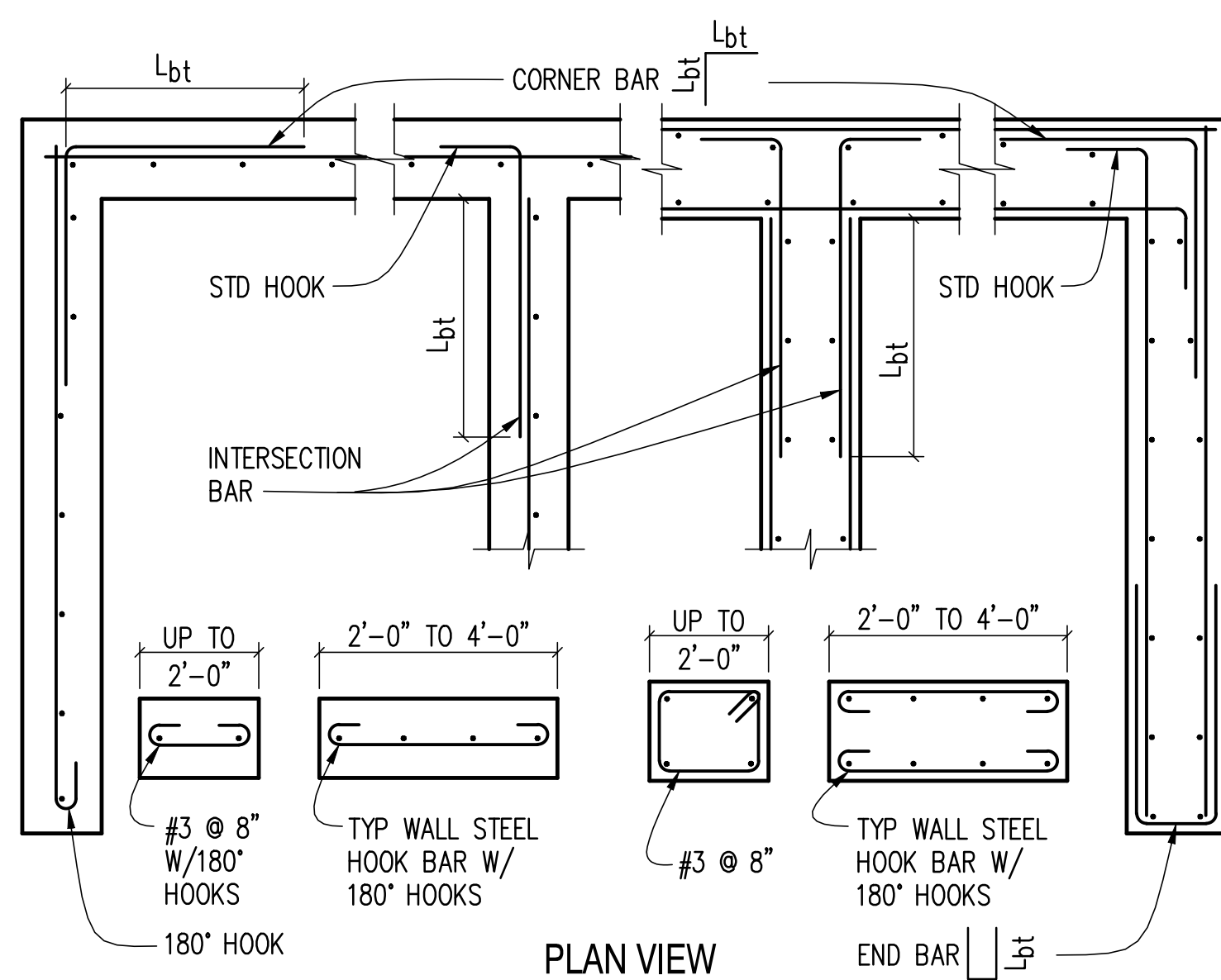


10 WINDOW WALL SECTION  
NO SCALE



- NOTES:
1. SEE SHEETS L5.11 AND L6.13 FOR ADDITIONAL COLUMBARIUM BENCH/SEAT WALL DETAILS.
  2. SEE SHEET L10.04 FOR ADDITIONAL MEMORIAL SEAT WALL DETAILS.
  3. VENEER MAY WRAP AT BENCH END LOCATIONS. REVIEW AND COORDINATE ALL VENEER SHELVES WITH LANDSCAPE DRAWINGS.

11 BENCH/SEAT WALL TYPICAL DETAIL  
NO SCALE



12 TYPICAL CONCRETE WALL DETAILS  
NO SCALE

CONSULTANTS:

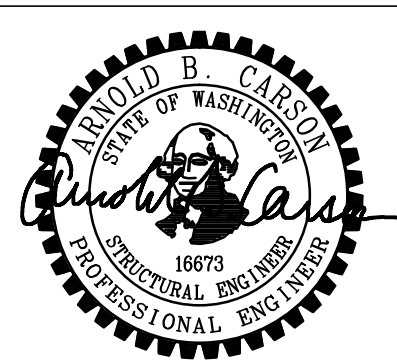
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Drawing Title  
CONCRETE  
DETAILS

Approved Project Director

Project Title  
TAHOMA NATIONAL CEMETERY  
PHASE 2 GRAVESITE DEVELOPMENT  
8600 SE 240TH STREET, KENT WASHINGTON

Location  
KENT, WASHINGTON

Date  
9-15-2011

Checked  
JCM

Drawn  
BLE

Project Number  
919PC2007

Drawing  
Reference  
Number  
169

Drawing Number  
S2.01

Office of  
Construction  
and Facilities  
Management

